Subject Index

A Accelerated insulin degradation, alternate mechanism for insulin resistance, Adolescents, ego development, self-esteem, and diabetes, Alcohol, Letter, Allergy, insulin, resistance, and autoimmune insulin syndrome, Review, Ambulatory treatment, diabetes mellitus in children, Arterial bypass, infrapopliteal, salvage of extremities in ischemic necrosis, Artificial pancreas, subcutaneous insulin doses in juvenile diabetes, Asymptomatic hyperglycemia, cardiovascular disease and, Chicago studies, Proceedings, Atlanta workshop, report on screening in diabetes mellitus, Autoimmune insulin syndrome, allergy, and resistance, Review, 283	Cardiovascular disease, asymptomatic hyperglycemia, Chicago studies, Proceedings, 142 —, risk factors, glucose tolerance, Proceedings, 120 Case Report, 275 Children, ambulatory treatment of diabetes mellitus, 342 —, diabetes and related problems in pediatric literature, Mini-Review, 510 —, glucosuria and 2-Drop Clinitest, 349 Clinical Interpretations, 54 —, diabetes and exercise, 307 Clinitest, 2-Drop, glucosuria in diabetic children, 349 Coma, treatment, Letter, 533 Commentary, 381, 448, 524 Contraception, Letter, 60 Cortisol changes, fasting hyperglycemia and associated free insulin and, in "Somogyi-like" patients, 457 Counseling, nutritional, blood glucose and nutritional knowledge, effects of, 353 C-peptide levels, plasma insulin during subcutaneous insulin infusion, 251
B Blood glucose, fasting hyperglycemia and associated free insulin and cortisol changes in "Somogyi-like" patients, —, measurements, home, Letter, —, nutritional counseling effects, —, self-monitoring, Letter, —, self-monitoring, procedural technique refinements, Practical Diabetes, Books, Brief Communications, Brittle diabetes, portable pump in outpatient management, C Cancer, Policy Statement, Capillary basement membrane thickness, effects on duration of diabetes, 472	Degrees, omission, Letter, Delaney Amendment, Policy Statement, Diabetes mellitus, ambulatory treatment in children, —, complications due to metabolic dysfunction, Review, —, concurrent with sickle cell disease, Letter, —, control in adult Jamaicans, —, dietary effects of high-fiber foods, Review, —, gastrointestinal manifestations, Review, —, genetic markers, Proceedings, —, HLA-system and insulin-dependent studies, ceedings, —, improved blood glucose control in insulin-dependent patients, —, limb loss, —, parental attitudes toward chronically ill children, —, psychological aspects, Review, —, report of Atlanta workshop on screening,

Subject Index

A Accelerated insulin degradation, alternate mechanism for insulin resistance, Adolescents, ego development, self-esteem, and diabetes, Alcohol, Letter, Allergy, insulin, resistance, and autoimmune insulin syndrome, Review, Ambulatory treatment, diabetes mellitus in children, Arterial bypass, infrapopliteal, salvage of extremities in ischemic necrosis, Artificial pancreas, subcutaneous insulin doses in juvenile diabetes, Asymptomatic hyperglycemia, cardiovascular disease and, Chicago studies, Proceedings, Atlanta workshop, report on screening in diabetes mellitus, Autoimmune insulin syndrome, allergy, and resistance, Review, 283	Cardiovascular disease, asymptomatic hyperglycemia, Chicago studies, Proceedings, 142 —, risk factors, glucose tolerance, Proceedings, 120 Case Report, 275 Children, ambulatory treatment of diabetes mellitus, 342 —, diabetes and related problems in pediatric literature, Mini-Review, 510 —, glucosuria and 2-Drop Clinitest, 349 Clinical Interpretations, 54 —, diabetes and exercise, 307 Clinitest, 2-Drop, glucosuria in diabetic children, 349 Coma, treatment, Letter, 533 Commentary, 381, 448, 524 Contraception, Letter, 60 Cortisol changes, fasting hyperglycemia and associated free insulin and, in "Somogyi-like" patients, 457 Counseling, nutritional, blood glucose and nutritional knowledge, effects of, 353 C-peptide levels, plasma insulin during subcutaneous insulin infusion, 251
B Blood glucose, fasting hyperglycemia and associated free insulin and cortisol changes in "Somogyi-like" patients, —, measurements, home, Letter, —, nutritional counseling effects, —, self-monitoring, Letter, —, self-monitoring, procedural technique refinements, Practical Diabetes, Books, Brief Communications, Brittle diabetes, portable pump in outpatient management, C Cancer, Policy Statement, Capillary basement membrane thickness, effects on duration of diabetes, 472	Degrees, omission, Letter, Delaney Amendment, Policy Statement, Diabetes mellitus, ambulatory treatment in children, —, complications due to metabolic dysfunction, Review, —, concurrent with sickle cell disease, Letter, —, control in adult Jamaicans, —, dietary effects of high-fiber foods, Review, —, gastrointestinal manifestations, Review, —, genetic markers, Proceedings, —, HLA-system and insulin-dependent studies, ceedings, —, improved blood glucose control in insulin-dependent patients, —, limb loss, —, parental attitudes toward chronically ill children, —, psychological aspects, Review, —, report of Atlanta workshop on screening,

-, vascular complications in Japanese on Hawaii, Pro-	H
ceedings, 161 Diet, nutrition recommendations for individuals with dia-	Heart, coronary disease, glucose tolerance and plasma
betes mellitus, Policy Statement, 520	insulin relationship to, Finland studies, Proceedings, 131
—, plant fibers, gastrointestinal physiology and diabetes,	—, mortality, Australian studies, glucose and insulin
Review, 369	aspects, Proceedings, 154
Dietary cyanide, tropical malnutrition diabetes, Proceedings, 202	Hemoglobin A _{1c} , values in children with overt diabetes, 391
Dietary goals for the United States, reaction statement	HLA-System, and insulin-dependent diabetes mellitus, Proceedings, 209
by The American Diabetes Association, 278	HOL-cholesterol, lipid metabolism and, Review, 46
Disposable-syringe needle units, reuse in diabetic pa-	Hormones, counterregulatory, rebound hyperglycemia and
tients, 418	diabetic control, Editorial, 526
	Hyperglycemia, asymptomatic, cardiovascular disease, Chi-
-	cago studies, Proceedings, 142
E 50 313 310 451 453 534	-, fasting, associated free insulin and, cortisol changes,
Editorials, 58, 312, 319, 451, 453, 526	in "Somogyi-like" patients, 457
Education, alterations in insulin dosage, Practical Diabetes.	—, hyperosmolar, nonketotic coma, treatment, Letter, 533
betes, 39 —, teaching the diabetic person, follow-up sessions, 35	-, other risk factors in diabetic mascrovascular disease,
Ego development, self-esteem in diabetic adolescents, 465	Proceedings, 77
Epidemiology, standardization of definition, classification,	-, rebound, counterregulatory hormones and diabetic
and reporting, Proceedings, 65	control, Editorial, 526
Exercise, and diabetes, Clinical Interpretations, 307	Hyperinsulinemia, glucose and insulin responses to intravenous tolbutamide, 479
	Hyperosmolarity, hyperglycemic, nonketotic coma, treat-
	ment, Letter, 533
F	-, Letter, 534
Fasting blood glucose, prevalence and course of diabetics,	Hypoglycemia, glucose and insulin responses to intravenous
diagnostic criteria, Proceedings, 85	tolbutamide, 479
Fiber, influence on gastrointestinal physiology and dia-	
betes, Review, 369	I
Finger-stick blood samples, Letter, 248 Fluid replacement, Letter. 61	Immunologic reactions to insulin, allergy, resistance, and
Fluid replacement, Letter, 61 Follow-up education, 35	autoimmune syndrome, Review, 283
Framingham study, glucose tolerance and cardiovascular	Impotence, diagnosis and treatment of erectile failure,
risk factors, Proceedings, 120	Symposium, 18
1100 100001, 110000111,80,	-, sexual function and, comparison between diabetic
	men and women, Symposium,
G	Infections, common, handling of, Youth Education, 52
Gastrointestinal manifestations, of diabetes mellitus, Re-	Insulin, concentration, and glucose, coronary heart disease
view, 437	and mortality, Australian studies, Proceedings, —, glucose responses to intravenous tolbutamide, 479
Genetics, markers for diabetes mellitus, Proceedings, 215 —. search for markers, Letter. 388	 —, glucose responses to intravenous tolbutamide, —, plasma, glucose tolerance and, relation to coronary
—, search for markers, Letter, 388 Glucose, concentration, and insulin, coronary heart disease	heart disease, Finland studies, Proceedings, 131
and mortality, Australian studies, Proceedings, 154	-, plasma insulin and C-peptide levels during sub-
—, control, insulin-dependent diabetes mellitus and, 329	
—, insulin responses to intravenous tolbutamide, 479	—, sterility of syringe storage, Letter, 531
—, urine testing, Letter, 530	-, teaching patients to make alterations in dosage,
Glucose tolerance, cardiovascular risk factors, Framing-	Practical Diabetes, 39
ham study, Proceedings, 120	
-, metabolic response comparison with standardized test	
meal and serial test meals in normal subjects, 409	1. 1 11 1 . 1 . 1 D 1
—, plasma insulin, relation to coronary heart disease,	
Finland studies, Proceedings, 131	
Glucosuria, diabetic children and, 2-Drop Clinitest, Glycosylated hemoglobins, Editorial, 451	, ,
Glycosylated hemoglobins, Editorial, 451	, , plasma upia ievels,

 —, factors in 50-year survival of patients, —, fasting hyperglycemia and associated free insulin and cortisol changes, —, fasting hyperglycemia and associated free insulin and cortisol changes, —, fasting hyperglycemia and associated free insulin and cortisol changes, —, insulin receptor autoantibodies, insulin-resistant diabetes in male without acanthosis nigricans, —, allergy, and autoimmune insulin degradation, an alternate mechanism, —, allergy, and autoimmune insulin syndrome, Review, —, insulin receptor autoantibodies, in male patient without acanthosis nigricans, —, spectrum of, Editorial, —, spectrum of, Editorial, —, linsulin therapy, and UGDP, Letter, —, 247 Ischemic necrosis, salvage of extremities by infrapopliteal arterial bypass, 	 —, glucose tolerance and standardized test meal comparison to serial test meals in normal subjects, 409 Microvascular disease, standardization of methods and test reporting, Proceedings, 98 —, WHO multinational study, Proceedings, 196 Mini-review, recent literature, health services research and diabetes, 237 —, pediatrics, 510 Muscle capillary basement membrane, thickness, dependency on duration of diabetes, 472 N National Center for Health Statistics, data summary, Proceedings, 105 Nutrition, counseling, effect on blood glucose and nutritional knowledge, 353 —, dietary recommendations for individuals with diabetes
Juvenile diabetes, artificial pancreas and subcutaneous insulin doses, 256	mellitus, Policy Statement, 520
—, remission, Letter, 62	0
Juvenile diabetes mellitus, dependency of muscle capillary basement membrane thickness on duration, 472	Occupational therapy, Practical Diabetes, 491 Overt diabetes, hemoglobin A _{1e} values in children, 391
K	Parameters, reliability in diabetic control, 336
Ketoacidosis, pathogenesis, Review, 296	Parental attitudes, children with chronic diabetes mel-
 , potassium phosphate and hypocalcemia, hypomagnesemia, transient hypoparathyroidism, 265 , treatment, Letters, 385, 386 	Pathogenesis, of diabetic ketoacidosis, Review, 296 Plasma glucose profile, chemical control, Letter, 455 Plasma insulin, and C-peptide levels during subcutaneous
Letters to the Editor, 60, 61, 62, 247, 248, 327, 385,	insulin infusion, 251 Penile prostheses, erectile failure and, Symposium, 18
386, 387, 388, 455, 530, 531, 532, 533, 534	—, impotence and, Symposium, 26
Limb loss, consequence of diabetes mellitus, 432	Policy Statement, 1, 278, 380, 520
—, Editorial, 453 Lipids, abnormalities, plasma lipid levels in insulin-	Polyendocrine failure, Letter, 387 Portable pump, evaluation in outpatient management of
dependent children, 31 —, macrovascular disease treatment, Review, 46	brittle diabetes, 421 —, subcutaneous insulin in ambulatory diabetes manage-
M	ment, 272
Macrovascular disease, epidemiologic methods, Proceedings, 91	Potassium phosphate, hypocalcemia, hypomagnesemia, transient hypoparathyroidism in diabetic ketoacidosis, 265
—, factors other than hyperglycemia, Proceedings,	Practical Diabetes, 39, 233, 432, 491
 Pacific populations, medical effects of social progress, Proceedings, 	Proceedings of the Kroc Foundation International Con- ference on Epidemiology of Diabetes and its Macro-
—, treatment, HOL-cholesterol as lipid scavenger, Review,	vascular Complications, 63–226 Prostheses, penile, erectile failure and, Symposium, 18
—, WHO multinational study, Proceedings, 187	—, —, impotence and, Symposium,
Malnutrition, dietary cyanide, Proceedings, 202	Psychology, barriers to adherence, Commentary, 524
Management, barriers to adherence, Commentary, 524	—, diabetes mellitus and, Review, 227
Maturity-onset diabetes, UGDP Policy Statement,	-, ego development and self-esteem in diabetic adoles-
Metabolism, controls, Editorial, 312	cents, 465
 —, dysfunction, complications of diabetes mellitus, Review, 	 —, penile prostheses and, Symposium, —, sexual problems in diabetes mellitus, Symposium, 9
722	, sexual problems in diabetes memicus, symposium,

m-09 nd 08 06 ch 37 10 cy 72

y, 05 u-53 es

01

Remission in juvenile diabetes, Letter, 62 Review Articles, 46, 227, 283, 296, 369, 437, 499 Reviewers, list of, 535	 portable pump, ambulatory management, Survival, insulin-dependent diabetes, 50 years duration, Symposium on Sex and Diabetes, comparison between
Saccharin, Policy Statement, 380 Screening, community programs, Commentary, 381 —, diabetes mellitus, Atlanta workshop report, 357 Self-monitoring, of blood glucose, procedural refinements, Practical Diabetes, 233	men and women, —, erectile failure, —, Letter, —, penile prostheses, and diabetic impotence, —, psychological aspects, Syringes, sterility of insulin storage, Letter, T
Serum triglyceride levels, plasma lipid levels in insulindependent children, 31 Sexual dysfunction, psychological aspects in diabetes mellitus, Symposium, 9 Sexual function, diabetic men and women, comparison, Symposium, 4	Therapy, occupational, Practical Diabetes, 491 Tolbutamide, intravenous, glucose and insulin responses, 479 Tropical malnutrition diabetes, dietary cyanide and, Proceedings, 202
Sexual interactions, penile prostheses and impotence, Symposium, Sexual response, comparison between diabetic men and women, Symposium, Short-term control, standard parameters of diabetic control, 336	U UGDP controversy, Policy Statement, —, insulin therapy, Letter, Urine, glucose testing, Letter, —, single-voided vs. double-voided testing, 269
Sickle cell disease, concurrent with diabetes mellitus, Letter, 327 Social factors, control of diabetes mellitus in adult Jamaicans, 401 "Somogyi-like" patients, fasting hyperglycemia associated free insulin and cortisol changes, 457 Standardization, definition, classification, and reporting, Proceedings, 65	V Vascular disease, complications in Japanese diabetics, Proceedings, —, complications in Japanese on Hawaii, ings, —, WHO multinational study, Proceedings, W
, methods and reporting, tests for diabetes and micro- vascular complications, Proceedings, Subcutaneous insulin, doses, artificial pancreas, in juvenile diabetes. 256	WHO multinational study, vascular disease, Proceedings, 175, 187, 196
—, infusion, plasma insulin and C-peptide levels, 251	Youth Education, 51, 52

Author Index

A		Christy, Morten,	127, 209
Adezati, Luciano,	387	Clark, Janet L.,	531
Ahles, Robert,	532	Clements, Rex S., Jr.,	61, 386
Akanuma, Yasuo,	171	Cochran, Harry A., Jr.,	363
Alleyne, Sylvan I.,	401	Cole, Cindy,	414
American Diabetes Association Comm		Collette, P.,	142
Nutrition,	520	Compostano, Adelia,	387
-, Scientific Advisory Panel of th		Cooper, R.,	142
mittee.	1	Corsi, Laura,	387
-, Statement on Saccharin,	380	Crouch, Mary,	418
American Dietetic Association,	278	0.000,,	110
Amir, Shoshana,	342	D	
Anderson, James W.,	369	Davies, C.,	409
ritueison, james w.,	307	de Micheli, Alberto,	387
В		Delage, Anne,	251
Bacon, George E.,	265	Desplanque, Nelly,	251
Bagrodia, Jayshree,	353	Dexel, Thomas,	472
Baldwin, David, Jr.,	275	Duckworth, William C.,	414
Baldwin, David, Sr.,	275	Duncan, L. J. P.,	60
Barbosa, Jose,	388, 532	Dupuis, Andre,	329
Barkin, Jamie S.,	437	Dyer, A.,	142
Belland, Karen,	532		- , -
Bennett, Peter H.,	98, 161	E	
Berkson, D. M.,	142	Eaton, R. Phillip,	46, 296
Bernstein, Richard K.,	233, 329	Eichold, Samuel,	455
Bessman, Alice N.,	418	Ellenberg, Max,	4
Betterle, Corrado,	387	Ellis, George J.,	39
Blank, Nancy M.,	421	Ellison, Charles,	532
Boehm, Timothy M.,	479	England, Jack D.,	391
Briggs, P. I.,	409		
Brown, Robert H.,	534	F	
Budurowich, Maria,	491	Fisher, Joseph N.,	421
Burghen, George A.,	421	Flier, Jeffrey S.,	275
Buysschaert, Martin,	256	Furlow, William L.,	18
C		G	
Cahill, George F., Jr.,	534	Galatzer, Avinoam,	342
Callaway, Wayne C.,	534	Galloway, John A.,	363
Chandalia, Hemraj B.,	353	Garland, John T.,	275
Christau, Bjorn,	127, 209	Garside, D.,	142

Geevarghese, P. J., Giacomet, Antonio-Carlos, 249 Kleinbeck, Elsie, 411, 421 Giacomet, Antonio-Carlos, 249 Kleinbeck, Elsie, 418 Kleinbeck, Elsie, 247 Knapp, Joyce, 31 Knapp, Joyce, 32 Knapp, Joyce, 33 Knapp, Joyce, 34 Knapp, J	Coulord Mork S	421	Kimber, G.,		409
Gil, Ruth, 342 Klimt, Christian R., 247 (Snapp, Joyce, 31) (Snapp, Joyce, Marian, Janhor, Joyce, 31) (Snapp, Joyce, Marian, Janhor, Joyce, 31) (Snapp, Joyce, Marian, Joyce, Wajne, V., 32) (Snapp, Joyce, Marian, Joyce, Wajne, V., 34) (Snapp, Joyce, Marian, Joyce,	Gaylord, Mark S.,				
Gil, Ruth. Goldner, Martin G., 247 Coldner, Martin G., 247 Conen, Boas, 451 Conen, Boas, 451 Crabauskas, V., 175 Creen, Andres, 127, 209 Coren, Orville C., 336, 349 Cuthrie, Diana W., 269 Cuthrie, Richard A., 269 Hadji-Georgopoulos, Angeliki, 457 Hamman, Richard F., 161 Hasbbeck, Manfred, 472 Hauser, Stuart T., 227, 465 Hendrickson, Fred, 532 Herron, Charles A., 377 Herron, Charles A., 377 Hers, Randall L., 391 Hinnen, Debbie, 269 Hoeksema, R., 142 Holozmb, Henry H., 275 Holozmb, Henry H., 275 Hoshiraki, Robert J., 275 Hoshiraki, Robert J., 31 Jacobson, Alan, 32 Jacobson, Alan, 32 Jacobson, Alan, 32 Jacobson, Alan, 32 Jacobson, Manyard E., 31 Jacobson, Manyard E., 32 Jacobson, Manyard E.				٦ ,	
Golder, Martin G., Gonen, Boas, 451 Gonen, Boas, 451 Grabauskas, V., 175 Green, Andres, 127, 209 Green, Orville C., 336, 349 Green, Orville C., 336, 349 Guthrie, Richard A., 269 Hadji-Georgopoulos, Angeliki, 457 Hamman, Richard F., 161 Hashbeck, Manfred, 472 Hauser, Stuart T., 227, 465 Hendrickson, Fred, 451 Henren, Charles A., 357 Heron, Charles A., 357 Hendrickson, Fred, 451 Hinnen, Debbie, 269 Hoeksema, R., 142 Holocmb, Henry H., 405, 100, 100 Hopwood, Nancy J., 464 Hower, Joan, 448 Howower, Joan, 448 Howower, Joan, 448 Hospital, Robert L., 120 Jackson, Robert L., 120 Jackson, Robert L., 120 Jackson, Robert L., 120 Jackson, Alan, 120 Jacobson, Maynard E., 121 Jarett, R. J., 91, 175, 187, 196 Kanterud, Genell L., 472 Kannel, Wawarski, A. Avinoam, 457 Kosaka, Kinori, 171 Kowarski, David, Wawrski, A. Avinoam, 457 Kowarski, David, Wawrski, A. Vainoam, 457 Kosaka, Kinori, 171 Kowarski, David, Wawrski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, David, Wawrski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, David, Wawrski, A. Vainoam, 457 Kosawarski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, David, Wawrski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, A. Vainoam, 457 Kowarski, David, Wawrski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, David, Wawrski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, A. Vainoam, 457 Kosakas, Kinori, 171 Kowarski, A. Vainoam, 457 Kowarski, David, Wawrski, A. Vainoam, 457 Kowarski, David, Marski, Lavid, Marski, Lavid, Marski, Lavid, Marski, Lavid, La					
Gonen, Boas,					
Greèn, Andres, 127, 209 Greèn, Andres, 127, 209 Greèn, Chville C., 336, 349 Guthrie, Diana W., 269 Guthrie, Cikchard A., 269 Hadji-Georgopoulos, Angeliki, 457 Hamman, Richard F., 161 Habbeck, Manfred, 472 Hawker, Charles D., 265 Hendrickson, Fred, 522 Herron, Charles A., 337 Hers, Randall L., 391 Hinnen, Debbie, 269 Hocksema, R., 142 Holocmb, Henry H., 160 Holomb, Henry H., 17 Hoover, Joan, 448 Hoshiraki, Robert J., 27 Hoshiraki, Robert L., 31 Jackson, Robert L., 32 Jackson, Ro					
Green, Andres, Green, Orville C., Green, Orville C., Green, Orville C., Green, Orville C., Guthrie, Diana W., Guthrie, Diana W., Guthrie, Richard A., 269 Kowarski, David, 457 Kowarski, David, A. Avinoam, 455 Kowarski, A. Avinoam, 455 Kornan, 455 Kowarski, A. Avinoam, 457 Kowarshi, 457 K					
Green, Orville C., Guthrie, Diana W., Cuthrie, Diana W., Cuthrie, Diana W., Cuthrie, Richard A., 269 Kowarski, David, 457 Guthrie, Richard A., 269 Kowarski, David, 457 Guthrie, Richard A., 269 Kowarski, David, 457 Hander, Richard A., 269 Kowarski, David, 457 Lambert, Rachard, 457 Lambert, André E., 256 Hadji-Georgopoulos, Angeliki, 457 Lambert, André E., 256 Lambotte, Luc, 256 Lambotte, Luc, 256 Lambotte, Luc, 342 Laron, Zvi, 342 Laron, Zvi, 342 Laron, Zvi, 344 Lawbott, Luc, 349 Lebovitz, Francine L., 388 Lebovitz, Francine L., 358 Lebovitz, Francine L., 359 Lebovitz, Harold E., 54, 479 Levine, Barbara S., 122 Levine, Barbara S., 122 Levine, Barbara S., 122 Lindberg, H. A., 144 Levine, Barbara S., 123 Lindberg, H. A., 144 Levine, Barbara S., 123 Lindberg, H. A., 144 Levine, Barbara S., 125 Lindberg, H. A., 144 Levine, Barbara S., 126 Lindberg, H. A., 144 Levine, Barbara S., 127 Levine, B	- 6				
Guthrie, Diana W., Cuthrie, Richard A., 269 Kowarski, David, 457 Komann, Hans, 127, 209 H Hadji-Georgopoulos, Angeliki, 457 Lambert, André E., 256 Lambert, André E., 256 Lambert, Charles D., 265 Lambert, Charles D., 265 Lebovitz, Francine L., 33 Lebovitz, Francine L., 33 Lebovitz, Francine L., 33 Lebovitz, Harold E., 54, 475 Lebovitz, Francine L., 34 Lebovitz, Francine L., 35 Lebovitz, Harold E., 54, 475 Lebovitz, Har					
Guthrie, Richard A., 269 Kromann, Hans, 127, 209 H Hadji-Georgopoulos, Angeliki, 457 Hamman, Richard F., 161 Haslbeck, Manfred, 472 Hauser, Stuart T., 227, 465 Herron, Charles D., 265 Herdrickson, Fred, 332 Herron, Charles A., 357 Hess, Randall L., 391 Hinnen, Debbie, 269 Hoeksema, R., 412 Hogan, Barbara, 9 Holol, Richard D., 35 Holcomb, Henry H., 275 Hoshizaki, Robert J., 275 Hoshizaki, Robert L., 391 Jacobson, Alan, 365 Jackson, Robert L., 391 Jacobson, Maynard E., 312 Jaret, R. J., 91, 175, 187, 196 Kannel, William B., 320 Kanarawa, Yasunori, 171 Kannel, William B., 324 Kanarawa, Yasunori, 171 Kannel, William B., 324 Kaspar, Ludwig, 533 Kassoff, Aaron, 532 Kasung, Jacy, Jenne, 100 Jacy, Alan, 364 Kanarawa, Yasunori, 171 Kannel, William B., 324 Kaspar, Ludwig, 533 Kassoff, Aaron, 532 Kasung, Jacy, Jenne, 324 Kauffman, Ralph L., 311 Karufman, Ralph L., 311 Karufman, Ralph L., 321 Karufman, Ralph L., 321 Kayen, Jenne, Jones, Jones, Jones, Jones, Anon, 342 Kayar, Mosher, 342 Kayar, Ludwig, 533 Newrey, Jenne, Jones, Jones, Jones, Jones, Jones, Jones, Jones, Jones, Robert L., 342 Kayar, Ludwig, 533 Newrey, Jenne, Jones,					
Hadji-Georgopoulos, Angeliki,					
Hadji-Georgopoulos, Angeliki, Hamman, Richard F., 161 Lambotte, Luc, 256 Lambotte, Luc, 236 Lambotte, Luc, 236 Lambotte, Luc, 236 Laro, Zvi, 342 Laws, Victor R., 342 Laws, Victor R., 348 Laws, Victor R., 348 Laws, Victor R., 349 Lebovitz, Francine L., 340 Lebovitz, Francine L., 340 Lebovitz, Francine L., 340 Lebovitz, Francine L., 340 Lebovitz, Harold E., 54, 475 Lebovitz, Harold E., 54, 475 Lebovitz, Harold E., 54, 475 Levine, Barbara S., 160 Lebovitz, Harold E., 160 Lebovitz, Harold E	Guthrie, Richard A.,	269	Kromann, Hans,		127, 209
Hamman, Richard F., Haslbeck, Manfred, Hauser, Stuart T., Hawker, Charles D., Hendrickson, Fred, Heron, Charles A., Heron, Charles A., Heron, Charles A., Hess, Randall L., Hinnen, Debbie, Hocksema, R., Hogan, Barbara, Holk, Richard D., Holvoer, Joan, Howwood, Nancy J., Hoover, Joan, Hopwood, Nancy J., Hoshizaki, Robert L., Jackson, Robert L., Jackson, Robert L., Jackson, Maynard E., Jarrett, R. J., Jarrett, R. J., Jarrett, R. J., Jones, Anne, Jones, Robert L., Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kanazawa, Yasunori, Kannarawa, Yasunori, Kannel, William B., Kassoff, Aaron, Kauffman, Ralph L., Kaufman, Ralph L., Kayer, Phouc Buu, Kim, Jacus March, Jacus, Jac	H		L		
Hamman, Richard F., Haslbeck, Manfred, Hauser, Stuart T., Hawker, Charles D., Hendrickson, Fred, Herron, Charles A., Herson, Charles A., Hess, Randall L., Hinnen, Debbie, Hocksema, R., Hogan, Barbara, Holo, Michard D., Hohl, Richard D., Hobwor, Joan, Howood, Nancy J., Hoover, Joan, Hopwood, Nancy J., Hoshizaki, Robert J., Irsigler, Karl, Jacobson, Alan, Jacobson, Maynard E., Jarett, R. J., Jarett, R. J., Jarett, R. J., Jarett, R. J., Jones, Anne, Jones, Robert L., Jones, Anne, Jones, Robert L., Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kanarawa, Yasunori, Kannarawa, Yasunori, Kanarawa, Yasunori, Kasar, Halana, Marbe, Lasx, Lawi, Lawi, Lawi, Lawi, Lavi,	Hadji-Georgopoulos, Angeliki,	457			256
Hasbleck, Manfred, Hauser, Stuart T., Hawker, Charles D., Hendrickson, Fred, Herron, Charles A., Herron, Charles A., Hess, Randall L., Hinnen, Debbie, Hoeksema, R., Holo, Richard D., Holocomb, Henry H., Hoover, Joan, Hopwood, Nancy J., Hopwood, Nancy J., Hoshizaki, Robert L., Jacobson, Alan, Jacobson, Alan, Jacobson, Alan, Jacobson, Alan, Jacobson, Alan, Jacobson, Alan, Jones, Anne, Jones, Anne, Jones, Anne, Jones, Robert L., Jarett, R. J., Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kanazawa, Yasunori, Kannel, William B., Kassoff, Aaron, Kassoff, Aaron, Kauffman, Ralph L., Kauffman, Rober, Mare, Jackson, Nober, Mariani, Anthoe, Mariani, Anthony, Matz, Robert J., Marble, Alexander, Jebovitz, Francine L., Lasky, Victor R., Lavis, Victor R., Lebovitz, Francine L.,	Hamman, Richard F.,	161			
Hauser, Stuart T., Hawker, Charles D., Hendrickson, Fred, Herron, Charles A., Hess, Randall L., Hinnen, Debbie, Hookesema, R., Hogan, Barbara, Holower, Joan, Howowd, Nancy J., Hoshizaki, Robert J., Irsigler, Karl, Jacobson, Alan, Jacobson, Alan, Jacobson, Alan, Jacobson, Maynard E., Jarrett, R. J., Jarrett, R. J., Jarrett, R. J., Jones, Anne, Jones, Anne, Jones, Anne, Jones, Robert L., Jones, Anne, Jones, Robert L., Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kanazawa, Yasunori, Kanazawa, Yasunori, Kanazawa, Yasunori, Kanazawa, Yasunori, Kanazawa, Yasunori, Kanazawa, Yasunori, Kanarawa, Yasunori	Haslbeck, Manfred,				
Hawker, Charles D., Hendrickson, Fred, Herron, Charles A., Herron, Charles A., Hess, Randall L., Hinnen, Debbie, Hocksema, R., Hologan, Barbara, Hohl, Richard D., Holocomb, Henry H., Hoover, Joan, Hopwood, Nancy J., Hoshizaki, Robert J., Jackson, Robert L., Jacobson, Alan, Jacobson, Alan, Jacobson, Alan, Jones, Anne, Jones, Anne, Jones, Robert L., Jones, Anne, Jones, Robert L., Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kanazawa, Yasunori, Kannel, William B., Kassoff, Aaron, Kasyff, Aaron, Kauffman, Ralph L., Kary, Moshe, Kary, Moshe, Kary, Moshe, Kary, Moshe, Kare, Methelke, E., Kare, Methelke, E., Kare, Methelke, E., Kare, Methelke, E., Kare, Methelke, Methelke, E., Kare, Methelke, Methelke, E., Kare, Methelke, M	Hauser, Stuart T.,	227, 465			39
Hendrickson, Fred, 352	Hawker, Charles D.,				385
Herron, Charles A., Hess, Randall L., Hess, Randall L., Hinnen, Debbie, Hoeksema, R., Hologan, Barbara, Hohl, Richard D., Holcomb, Henry H., Hoover, Joan, Hopwood, Nancy J., Hoshizaki, Robert J., Irsigler, Karl, Jackson, Robert L., Jacobson, Alan, Jacobson, Maynard E., Jarrett, R. J., Jones, Anne, Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kanazawa, Yasunori, Kannel, William B., Kaspar, Ludwig, Kare, Karl, Hebovitz, Harold E., Jebovitz, Harold E., Lepper, M., Levin, Marvin E., Levine, Barbara S., Levine, Barbara S., Levine, Barbara S., Levine, Barbara S., Levine, Marvin E., Levin, Marvin E., L	Hendrickson, Fred,	532			39
Hess, Randall L., Hinnen, Debbie, Hocksema, R., Hoskema, R., 142 Levine, Barbara S., Ludherg, H. A., Lippmann, Heinz L., Lindberg, H. A., Luzio, S., Luzio, S., 405 Marble, Alexander, Margolis, Simeon, Mariani, Anthony, Matz, Robert J., 1245 McGee, D. L., 1246 McMillan, D. E., 205 M	Herron, Charles A.,	357			
Hinnen, Debbie, Hoeksema, R., Hoeksema, R., Hogan, Barbara, Hohl, Richard D., Holcomb, Henry H., Hoover, Joan, Hopwood, Nancy J., Hoshizaki, Robert J., Irsigler, Karl, Jacobson, Alan, Jacobson, Alan, Jacobson, Alan, Jarett, R. J., Jarett, R. J., Jones, Anne, Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kahan, C. Ronald, Kanazawa, Yasunori, Kannel, William B., Kaspar, Ludwig, Kaspar, Ludwig, Kaspar, Ludwig, Kasparn, Rolept L., Kavelman, Douglas A., Hoven, Barbara, Levine, Barbara S., Levine, Barbara C., Levine, Barbara S., Levine, Barbara S., Levine, Barbara C., Levine, Barbara C., Levine, Barbara S., Levine, Barbara C., Liddere, Levine, Levice, Sea, Sea, Sea, Sea, Sea, Sea, Sea, Se	Hess, Randall L.,	391			
Hocksema, R., Hogan, Barbara, Polyhogan, Polyhoga	Hinnen, Debbie,	269			
Hogan, Barbara, 9	Hoeksema, R.,	142			
Hohl, Richard D.,					
Holcomb, Henry H.,		35			
Hoover, Joan, Hopwood, Nancy J., Hoshizaki, Robert J., 265 Hoshizaki, Robert J., 275 I Irsigler, Karl, 533 Jackson, Robert L., Jacobson, Alan, 265 Jacobson, Maynard E., Jarrett, R. J., Jones, Anne, Jones, Robert L., 329 Jones, Robert L., 329 Kahn, C. Ronald, 283 Kanazawa, Yasunori, Kannel, William B., Kaspar, Ludwig, Kassoff, Aaron, Kauffman, Ralph L., Kavelman, Douglas A., 531 Hoshizaki, Robert J., 265 Margolis, Simeon, 366 Margolis, Simeon, 455 Marsle, Alexander, 366 Margolis, Simeon, 455 Margolis, Simeon, 455 Margolis, Jimeon, 455 MacGee, D. L., 120 McGee, D. L., 120 McMillan, D. E., 464 McMillan, D. E., 47 McMallen, J. E., 47 McMallen, J. E., 47 McMallen, J. E., 47 McGee, D. L., 120 McGee, D. L., 120 McGee, D. L., 47 McMillan, D. E., 47 McGee, D. L., 47 McMillan, D. E., 47 McGee, D. L., 47 McGe		275			-
Hopwood, Nancy J., Hoshizaki, Robert J., I Irsigler, Karl, J J Jackson, Robert L., Jacobson, Alan, Jacobson, Maynard E., Jarett, R. J., Jones, Anne, Jones, Robert L., X K Kahn, C. Ronald, Kanazawa, Yasunori, Kannel, William B., Kaspar, Ludwig, Kassoff, Aaron, Kasyer, Ludwig, Kassoff, Aaron, Kauffman, Ralph L., Kavelman, Douglas A., Zets Marble, Alexander, Margolis, Simeon, Mardole, Alexander, Mardon, Mardon, MeCee, D. L., McMedalie, Jack H., Mehnert, Hellmut, Mehnert, Hellmut, Mehnth, Lois, Midgley, Wendy R., Miki, Eishi, Mimouni, Marc, Moore, Wayne V., Morrison, Errol Y. St. A., Murphy, Robert S., 10 Nathke, Heike E., Nathke, He		448			
Hoshizaki, Robert J., 275 Marble, Alexander, 363 I		265	Luzio, o.,		103
Irsigler, Karl, 533 Margolis, Simeon, 457 Mariani, Anthony, Mariani, Anthony, Mariani, Anthony, Mariani, Anthony, Mariani, Antho		275	M		
Irsigler, Karl, J Jackson, Robert L., Jacobson, Alan, Jacobson, Maynard E., Jarrett, R. J., Jones, Anne, Jones, Robert L., Kahn, C. Ronald, Kanazawa, Yasunori, Kannel, William B., Karp, Moshe, Kaspar, Ludwig, Kassoff, Aaron, Kauffman, Ralph L., Kavelman, Douglas A., Jackson, Robert L., Matz, Robert J., Medalie, Jack H., Mehnert, Hellmut, Mehnert, Hellmut, Mehnert, Hellmut, Menth, Lois, Miki, Eishi, Mimouni, Marc, Moore, Wayne V., Morrison, Errol Y. St. A., Murphy, Robert S., Murphy, Robert S., Murphy, Robert S., Mathke, Heike E., Moreup, Jørn, Mariani, Anthony, Matz, Robert J., Medalie, Jack H., Mehnert, Hellmut, Mehnert, Hellmut, Mehnert, Hellmut, Mehnert, Hellmut, Mehnert, Hellmut, Menth, Lois, Miki, Eishi, Mimouni, Marc, Moore, Wayne V., Morrison, Errol Y. St. A., Murphy, Robert S., Murphy, Robert S., Murphy, Robert S., Murphy, Robert S., Morrison, Errol Y. St. A., Murphy, Robert S., Murphy, Robert S., Murphy, Robert S., Morrison, Errol Y. St. A., Murphy, Robert S., Murphy, Robert S., Morrison, Errol Y. St. A., Murphy, Robert S., Morriso	•		Marble, Alexander,		363
Jackson, Robert L., 62, 391 McGee, D. L., 62, 391 McGee, D. L., McMillan, D. E., 200 McGee, D. L., McMillan, D. E., McMillan, D. E., Medalie, Jack H., 7 Medalie, Jack H., 7 Medalie, Jack H., 7 Medalie, Jack H., 7 Menth, Lois, Midgley, Wendy R., Miki, Eishi, Mimouni, Marc, 34 Moore, Wayne V., 34 Moore, Wayne V., 35 Moore, Wayne V., 36 Morphy, Robert S., 10 Morphy, Robert S., 10 Morphy, Robert S., 10 Morphy, Robert S., 10 Morphy, Robert S., 12 Morphy, Robert S., 12 Morphy, Robert S., 12 Morphy, Robert S., 10 Morphy, Robert S., 12 Morphy, Robert S., 12 Morphy, Robert S., 10 Morphy, Robert S		522	Margolis, Simeon,		457
Jackson, Robert L., 62, 391 Matz, Robert J., 62, 391 Jacobson, Alan, 465 McMillan, D. E., 20 Jacobson, Maynard E., 247 Medalie, Jack H., 7 Jarrett, R. J., 91, 175, 187, 196 Mehnert, Hellmut, 47 Jones, Anne, 418 Menth, Lois, 53 Jones, Robert L., 329 Midgley, Wendy R., 36 Kahn, C. Ronald, 283 Moore, Wayne V., 3 Kanazawa, Yasunori, 171 Morrison, Errol Y. St. A., 40 Karp, Moshe, 342 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	Irsigler, Karl,	533	Mariani, Anthony,		437
Jacobson, Alan, 465 McMillan, D. E., 20 Jacobson, Maynard E., 247 Medalie, Jack H., 7 Jarrett, R. J., 91, 175, 187, 196 Mehnert, Hellmut, 47 Jones, Anne, 418 Menth, Lois, 53 Jones, Robert L., 329 Midgley, Wendy R., 36 K Miki, Eishi, 17 Kahn, C. Ronald, 283 Moore, Wayne V., 3 Kannel, William B., 120 Morrison, Errol Y. St. A., 40 Karp, Moshe, 342 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	İ				61
Jacobson, Alan, 465 McMillan, D. E., 20 Jacobson, Maynard E., 247 Medalie, Jack H., 7 Jarrett, R. J., 91, 175, 187, 196 Mehnert, Hellmut, 47 Jones, Anne, 418 Menth, Lois, 53 Jones, Robert L., 329 Midgley, Wendy R., 36 K Miki, Eishi, 17 Kahn, C. Ronald, 283 Moore, Wayne V., 3 Kannel, William B., 120 Morrison, Errol Y. St. A., 40 Karp, Moshe, 342 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	Jackson Robert I	62, 391	McGee, D. L.,		120
Jacobson, Maynard E., 247 Medalie, Jack H., 7 Jarrett, R. J., 91, 175, 187, 196 Mehnert, Hellmut, 47 Jones, Anne, 418 Menth, Lois, 53 Jones, Robert L., 329 Midgley, Wendy R., 36 K Mimouni, Marc, 34 Kanazawa, Yasunori, 171 Moore, Wayne V., 3 Kannel, William B., 120 Murphy, Robert S., 10 Karp, Moshe, 342 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25			1 () () II D D		202
Jarrett, R. J., 91, 175, 187, 196 Mehnert, Hellmut, 47 Jones, Anne, 418 Menth, Lois, 53 Jones, Robert L., 329 Midgley, Wendy R., 36 K Mimouni, Marc, 34 Kahn, C. Ronald, 283 Moore, Wayne V., 3 Kanazawa, Yasunori, 171 Morrison, Errol Y. St. A., 40 Karnel, William B., 120 Murphy, Robert S., 10 Karp, Moshe, 342 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25		-	3 4 1 1. X 1 XX		77
Jones, Anne, 329 Midgley, Wendy R., 360			1 / 1 TT 11		472
Jones, Robert L., K Kahn, C. Ronald, Kanazawa, Yasunori, Kannel, William B., Karp, Moshe, Kaspar, Ludwig, Kassoff, Aaron, Kauffman, Ralph L., Kavelman, Douglas A., Jacoba Midgley, Wendy R., Midgley, Wendy R., Miki, Eishi, Mimouni, Marc, Moore, Wayne V., Moore, Wayne V., Morrison, Errol Y. St. A., Murphy, Robert S., Jone Midgley, Wendy R., Miki, Eishi, Mimouni, Marc, Morrison, Errol Y. St. A., Murphy, Robert S., Nurphy, Rober			14 1 Y 1		532
Mikl, Eishi, 17 K Mimouni, Marc, 34 Kahn, C. Ronald, 283 Moore, Wayne V., 3 Kanazawa, Yasunori, 171 Morrison, Errol Y. St. A., 40 Kannel, William B., 120 Murphy, Robert S., 10 Karp, Moshe, 342 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25			1		369
K Mimouni, Marc, 34 Kahn, C. Ronald, 283 Moore, Wayne V., 3 Kanazawa, Yasunori, 171 Morrison, Errol Y. St. A., 40 Kannel, William B., 120 Murphy, Robert S., 10 Karp, Moshe, 342 Nathe, Heike E., 47 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	Jones, Robert L.,	32)			171
Kahn, C. Ronald, 283 Moore, Wayne V., 3 Kanazawa, Yasunori, 171 Morrison, Errol Y. St. A., 40 Kannel, William B., 120 Murphy, Robert S., 10 Karp, Moshe, 342 Narphy, Robert S., 10 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	K				342
Kanazawa, Yasunori, 171 Morrison, Errol Y. St. A., 40 Kannel, William B., 120 Murphy, Robert S., 10 Karp, Moshe, 342 Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	Kahn, C. Ronald,	283			31
Kannel, William B., 120 Murphy, Robert S., 10 Karp, Moshe, 342 N 10 Kaspar, Ludwig, 533 N 10 Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25		171			401
Karp, Moshe, 342 Kaspar, Ludwig, 533 Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	Kannel, William B.,	120			105
Kaspar, Ludwig, 533 N Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25		342			
Kassoff, Aaron, 532 Näthke, Heike E., 47 Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25	Kaspar, Ludwig,	533	N		
Kauffman, Ralph L., 31 Nerup, Jørn, 127, 20 Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25		532	Näthke, Heike E.,		472
Kavelman, Douglas A., 531 Nguyen Phuoc Buu, Kim, 25		31			127, 209
		531			251
	Kawate, Ryoso,	161	Noam, Gil,		465
Kawazu, Shoji, 171		171			
Keen, H., 91, 175, 187, 196 O		91, 175, 187, 196	0		
Kelch, Robert, P., 265 Oberly, Kathlyn, 53		265	Oberly, Kathlyn,		531
Kikuchi, Masatoshi, 171 O'Shea, Michael, 32	Kikuchi, Masatoshi,	171	O'Shea, Michael,		329

9163427278

971124092

1 5 8

O'Sullivan, John B.,	85	Skyler, Denise L.,	39
Owens, D. R.,	409	Skyler, Jay S.,	39, 58, 307, 319, 499, 526
D		Slama, Gerard,	251
P	(0	Smith, Joellen,	35
Parboosingh, J.,	60	Sotile, Wayne M.,	26
Paul, O.,	142	Spencer, Martha L.,	265
Paulshock, B. Z.,	388, 531	Stamler, J.,	142
Perkins, William G.,	-31	Stamler, R.,	142
Peterson, Charles M.,	329	Steel, Judith M.,	60
Platz, Per,	209	Stentz, Frankie B.,	414
Pollets, Daniel,	227, 465	Stevens, E.,	142
Pond, Helen,	425	Stone, Neil J.,	336
Powers, Sally,	465		
Prando, Romano,	387	Svejgaard, Arne,	209
Pyörälä, Kalevi,	131	T	
R		Taub, Sheldon,	437
Rankin, Kevin P.,	396	Tchobroutsky, Georges,	251
Reece, Edward,	418	Thiry, Sister Marguerite,	532
Reichle, Frederick A.,	396	Thomsen, Mogens,	209
Rendell, Marc,	457	Tokich, T.,	142
Richards, Rolf R.,	401	Traisman, Howard S.,	52, 336, 349
the state of the s		Turner, Barbara L.,	465
Riley, William J.,	272		
Rimoin, David L.,	215	U	
Rose, Geoffrey,	91	Ulrich, James,	532
Rosenbloom, Arlan L.,	272, 510		
Rosenthal, Alan S.,	283	W	
Rossini, Aldo A.,	534	Wearne, K.,	154
Rotter, Jerome I.,	215	Wedman, Betty,	369
Rubenstein, Arthur H.,	275, 451	Welborn, T. A.,	154
Ryder, Lars P.,	209	West, Kelly, M.,	63, 65, 381
S		Whitehouse, Fred W.,	35, 453
	171	Whitehouse, Iris J.,	35
Sando, Hiroyuki,	171	Wieland, Otto H.,	472
Santiago, Julio V.,	312	Williams, T. Franklin,	237
Sayetta, Rona Beth,	105	Winston, Evonne,	275
Schade, David S.,	296	Winter, Robert J.,	60, 336, 349
Schiavi, Raul C.,	9	Wise, Joyce E.,	336
Schmidt, Maria Ines,	457	Wragg, K. G.,	409
Schoenberger, J. A.,	142	wragg, R. O.,	409
Service, F. John,	530	Y	
Shekelle, R. B.,	142	Yamakido, Michio,	161
Shekelle, S.,	142	Yukio, Nishimoto,	161
Shuman, Charles R.,	396		101
Siess, Elmar A.,	472	Z	
Silverstein, Janet H.,	272	Zimmet, Paul,	144
Sims, Dorothea F.,	524	Zipf, William B.,	265
		•	



Volume Contents

Epi Su ML. Di Ep JØI Re St As

D. Ep ZIN Co T. Di YU Pr

YA TI

LO

TI

EN

St

KF

DE

D

RI

P

PF

B

N

M

H L

0

C F

JANUARY-FEBRUARY 1979/VOLUME 2/NUMBER 1

POLICY STATEMENT

The UGDP Controversy 1

SYMPOSIUM ON SEX AND DIABETES

Sex and Diabetes: A Comparison Between Men and Women-MAX ELLENBERG-NEW YORK, NEW YORK 4 Sexual Problems in Diabetes Mellitus: Psychological Aspects-RAUL C. SCHIAVI AND BARBARA HOGAN-NEW YORK, NEW YORK 9 Diagnosis and Treatment of Male Erectile Failure—WILLIAM L. FURLOW—ROCHESTER, MINNESOTA 18 The Penile Prosthesis and Diabetic Impotence: Some Caveats—WAYNE M. SOTILE—WINSTON-SALEM, NORTH CAROLINA 26

BRIEF COMMUNICATION

Plasma Lipid Levels in Insulin-Dependent Diabetes Mellitus—WAYNE V. MOORE, JOYCE KNAPP, RALPH L. KAUFFMAN, AND WILLIAM G. PERKINS-KANSAS CITY, KANSAS 31

SPECIAL ARTICLE

Teaching the Person with Diabetes: Experience with a Follow-up Session-FRED W. WHITEHOUSE, IRIS J. WHITEHOUSE, JOELLEN SMITH, AND RICHARD D. HOHL-DETROIT, MICHIGAN 35

PRACTICAL DIABETES

Instructing Patients in Making Alterations in Insulin Dosage-JAY S. SKYLER, GEORGE J. ELLIS, DENISE L. SKYLER, ILENE A. LASKY, AND FRANCINE L. LEBOVITZ-MIAMI, FLORIDA AND DURHAM, NORTH CAROLINA 39

Lipids and Diabetes: The Case for Treatment of Macrovascular Disease—R. PHILLIP EATON—LONG BEACH, CALIFORNIA 46 YOUTH EDUCATION

How to Handle Common Infections-HOWARD S. TRAISMAN-EVANSTON, ILLINOIS 52

CLINICAL INTERPRETATIONS:

Diabetes-HAROLD E. LEBOVITZ-DURHAM, NORTH CAROLINA 54

EDITORIAL 58

LETTERS 60

MARCH-APRIL 1979/VOLUME 2/NUMBER 2

PROCEEDINGS OF THE KROC FOUNDATION INTERNATIONAL CONFERENCE ON EPIDEMIOLOGY OF DIABETES AND ITS MACROVASCULAR COMPLICATIONS

Introduction—KELLY M. WEST—OKLAHOMA CITY, OKLAHOMA 63

Standardization of Definition, Classification, and Reporting in Diabetes-related Epidemiologic Studies—KELLY M. WEST—OKLAHOMA CITY, OKLAHOMA 65

Risk Factors Other Than Hyperglycemia in Diabetic Macrovascular Disease—JACK H. MEDALIE—CLEVELAND, OHIO 77
Prevalence and Course of Diabetes Modified by Fasting Blood Glucose Levels: Implications for Diagnostic Criteria—JOHN B. O'SULLIVAN-BOSTON, MASSACHUSETTS 85 Epidemiologic Methods in Diabetic Macrovascular Disease—GEOFFREY ROSE, HARRY KEEN, AND JOHN JARRETT—LONDON, ENGLAND 91

XXVI

DIABETES CARE, VOL. 2 NO. 6, NOVEMBER-DECEMBER 1979

Recommendations on the Standardization of Methods and Reporting of Tests for Diabetes and Its Microvascular Complications in Epidemiologic Studies—PETER H. BENNETT—PHOENIX, ARIZONA 98

Summary of Current Diabetes-related Data from the National Center for Health Statistics—RONA BETH SAYETTA AND ROBERT S. MURPHY—HYATTSVILLE, MARYLAND 105

Diabetes and Glucose Tolerance as Risk Factors for Cardiovascular Disease: The Framingham Study—WILLIAM B. KANNEL AND D. L. MC GEE—FRAMINGHAM, MASSACHUSETTS 120

Epidemiologic Studies of Insulin-dependent Diabetes Mellitus—MORTEN CHRISTY, ANDRES GREEN, BJORN CHRISTAU, HANS KROMANN, AND JØRN NERUP—GENTOFTE AND ODENSE, DENMARK 127

Relationship of Glucose Tolerance and Plasma Insulin to the Incidence of Coronary Heart Disease: Results from Two Populations Studies in Finland—KALEVI PYÖRÄLÄ—HELSINKI, FINLAND 131

Asymptomatic Hyperglycemia and Cardiovascular Diseases in Three Chicago Epidemiologic Studies—R. STAMLER, J. STAMLER, A. DYER, R. COOPER, P. COLLETTE, D. M. BERKSON, H. A. LINDBERG, E. STEVENS, J. A. SCHOENBERGER, R. B. SHEKELLE, S. SHEKELLE, O. PAUL, M. LEPPER, D. GARSIDE, T. TOKICH, AND R. HOEKSEMA—CHICAGO, ILLINOIS 142

Epidemiology of Diabetes and Its Macrovascular Manifestations in Pacific Populations: The Medical Effects of Social Progress—PAUL ZIMMET—MELBOURNE, AUSTRALIA 144

Coronary Heart Disease Incidence and Cardiovascular Mortality in Busselton with Reference to Glucose and Insulin Concentrations—
T. A. WELBORN AND K. WEARNE—NEDLANDS, WESTERN AUSTRALIA 154

Diabetes Mellitus and Its Vascular Complications in Japanese Migrants on the Island of Hawaii—RYOSO KAWATE, MICHIO YAMAKIDO, YUKIO NISHIMOTO, PETER H. BENNETT, RICHARD F. HAMMAN, AND WILLIAM C. KNOWLER—HIROSHIMA, JAPAN, AND PHOENIX, ARIZONA 161

Prevalence of Major Vascular Complications at the Initial Visit Among Japanese Diabetic Patients—EISHI MIKI, YASUO AKANUMA, YASUNORI KANAZAWA, HIROYUKI SANDO, MASATOSHI KIKUCHI, SHOJI KAWAZU, AND KINORI KOSAKA—TOKYO, JAPAN 171

The WHO Multinational Study of Vascular Disease in Diabetes: 1. General Description—R. J. JARRETT, H. KEEN, AND V. GRABAUSKAS—LONDON, ENGLAND 175

The WHO Multinational Study of Vascular Disease in Diabetes: 2. Macrovascular Disease Prevalence—H. KEEN AND R. J. JARRETT—LONDON, ENGLAND 187

The WHO Multinational Study of Vascular Disease in Diabetes: 3. Microvascular Disease—R. J. JARRETT AND H. KEEN—LONDON, ENGLAND 196

Dietary Cyanide and Tropical Malnutrition Diabetes—D. E. MC MILLAN AND P. J. GEEVARGHESE—SANTA BARBARA, CALIFORNIA, AND KOTTAYAM, INDIA 202

Studies of the HLA-System and Insulin-dependent Diabetes Mellitus—MORTEN CHRISTY, ANDERS GREEN, BJORN CHRISTAU, HANS KROMANN, JØRN NERUP, PER PLATZ, MOGENS THOMSEN, LARS P. RYDER, AND ARNE SVEJGAARD—GENTOFTE, ODENSE, AND COPENHAGEN, DENMARK 209

Diabetes Mellitus: The Search for Genetic Markers—JEROME I. ROTTER AND DAVID L. RIMOIN—TORRANCE, CALIFORNIA 215

Psychological Aspects of Diabetes Mellitus: A Critical Review—STUART T. HAUSER AND DANIEL POLLETS—BOSTON, MASSACHUSETTS 227
PRACTICAL DIABETES

Blood Glucose Self-Monitoring by Diabetic Patients: Refinements of Procedural Technique—RICHARD K. BERNSTEIN—MAMARONECK, NEW YORK 233

MINI-REVIEW: RECENT LITERATURE

Health Services Research and Diabetes-T. FRANKLIN WILLIAMS-ROCHESTER, NEW YORK 237

LETTERS TO THE EDITOR 247

ORGANIZATION SECTION XXII

MAY-JUNE 1979/VOLUME 2/NUMBER 3

ORIGINAL ARTICLES

Plasma Insulin and C-Peptide Levels During Continuous Subcutaneous Insulin Infusion—GERARD SLAMA, KIM NGUYEN PHUOC BUU, GEORGES TCHOBROUTSKY, ANNE DELAGE, AND NELLY DESPLANQUE 251

Use of an Artificial Pancreas as a Tool to Determine Subcutaneous Insulin Doses in Juvenile Diabetes—ANDRÉ E. LAMBERT, MARTIN BUYSSCHAERT, AND LUC LAMBOTTE 256

Hypocalcemia, Hypomagnesemia, and Transient Hypoparathyroidism During Therapy with Potassium Phosphate in Diabetic Ketoacidosis—WILLIAM B. ZIPF, GEORGE E. BACON, MARTHAL. SPENCER, ROBERT P. KELCH, NANCY J. HOPWOOD, AND CHARLES D. HAWKER 265

BRIEF COMMUNICATIONS

Single-Voided vs. Double-Voided Urine Testing—DIANA W. GUTHRIE, DEBBIE HINNEN, AND RICHARD A. GUTHRIE 269
Ambulatory Diabetes Management by a Pulse of Subcutaneous Insulin Delivered by a Portable Pump: Preliminary Report—WILLIAM J. RILEY, JANET H. SILVERSTEIN, AND ARLAN L. ROSENBLOOM 272

CASE REPORT

Insulin-resistant Diabetes with Insulin Receptor Autoantibodies in a Male Patient Without Acanthosis Nigricans—DAVID BALDWIN, JR., EVONNE WINSTON, ROBERT J. HOSHIZAKI, JOHN T. GARLAND, DAVID BALDWIN, SR., HENRY H. HOLCOMB, JEFFREY S. FLIER, AND ARTHUR RUBENSTEIN 275

POLICY STATEMENT

Dietary Goals for the United States, Second Edition, 1977: A Reaction Statement by The American Dietetic Association 278

Immunologic Reactions to Insulin: Insulin Allergy, Insulin Resistance, and the Autoimmune Insulin Syndrome—C. RONALD KAHN AND ALAN S. ROSENTHAL 283

R

E₁

SI

P

P

C

E

C

C

Pathogenesis of Diabetic Ketoacidosis: A Reappraisal-DAVID S. SCHADE AND R. P. EATON 296

CLINICAL INTERPRETATIONS: diabetes

Diabetes and Exercise-JAY S. SKYLER 307

EDITORIALS 312

BOOKS 323

LETTERS TO THE EDITOR 327

ORGANIZATION SECTION XIX

JULY-AUGUST 1979/VOLUME 2/NUMBER 4

ORIGINAL ARTICLES

Feasibility of Improved Blood Glucose Control in Patients with Insulin-dependent Diabetes Mellitus—Charles M. Peterson, Robert L. Jones, Andre Dupuis, Barbara S. Levine, Richard Bernstein, and Michael O'shea 329

Standard Parameters of Diabetic Control: Are They Reliable?—ROBERT J. WINTER, NEIL J. STONE, JOYCE E. WISE, HOWARD S. TRAISMAN, AND ORVILLE C. GREEN 336

A Multidisciplinary, Comprehensive, Ambulatory Treatment Scheme for Diabetes Mellitus in Children—ZVI LARON, AVINOAM GALATZER, SHOSHANA AMIR, RUTH GIL, MOSHE KARP, AND MARC MIMOUNI 342

BRIEF COMMUNICATIONS

Glucosuria in Children with Diabetes: Advantages of the 2-Drop Clinitest Method—ROBERT J. WINTER, HOWARD S. TRAISMAN, AND ORVILLE C. GREEN 349

Effect of Nutritional Counseling on the Blood Glucose and Nutritional Knowledge of Diabetic Subjects—HEMRAJ B. CHANDALIA AND JAYSHREE BAGRODIA 353

SPECIAL ARTICLES

Screening in Diabetes Mellitus: Report of the Atlanta Workshop-CHARLES A. HERRON 357

Factors in the Survival of Patients with Insulin-requiring Diabetes for 50 Years—HARRY A. COCHRAN, JR., ALEXANDER MARBLE, AND JOHN A. GALLOWAY 363

REVIEW

Fiber and Diabetes-JAMES W. ANDERSON, WENDY R. MIDGLEY, AND BETTY WEDMAN 369

POLICY STATEMENT

Saccharin -- AMERICAN DIABETES ASSOCIATION 380

COMMENTARY

Community Screening Programs for Diabetes?-KELLY M. WEST 381

LETTERS TO THE EDITOR 385

ORGANIZATION SECTION XVIII

SEPTEMBER-OCTOBER 1979/VOLUME 2/NUMBER 5

ORIGINAL ARTICLES

Hemoglobin A_{1c} Values in Children with Overt Diabetes Maintained in Varying Degrees of Control—ROBERT L. JACKSON, RANDALL L. HESS, AND JACK D. ENGLAND 391

Salvage of Extremities with Ischemic Necrosis in Diabetic Patients by Infrapopliteal Arterial Bypass—FREDERICK A. REICHLE, KEVIN P. RANKIN, AND CHARLES R. SHUMAN 396

Some Social Factors Related to Control of Diabetes Mellitus in Adult Jamaican Patients—SYLVAN I. ALLEYNE, ERROL Y. ST. A. MORRISON, AND ROLF R. RICHARDS 401

Comparison of the Metabolic Response to a Glucose Tolerance Test and a Standardized Test Meal and the Response to Serial Test Meals in Normal Healthy Subjects—D. R. OWENS, K. G. WRAGG, P. I. BRIGGS, S. LUZIO, G. KIMBER, AND C. DAVIES 409

BRIEF COMMUNICATIONS

Accelerated Insulin Degradation: An Alternate Mechanism for Insulin Resistance—ABBAS E. KITABCHI, FRANKIE B. STENTZ, CINDY COLE, AND WILLIAM C. DUCKWORTH 414

XXVIII

DIABETES CARE, VOL. 2 NO. 6, NOVEMBER-DECEMBER 1979

Reuse of Disposable Syringe-Needle Units in the DiaLetic Patient—MARY CROUCH, ANNE JONES, ELSIE KLEINBECK, EDWARD REECE, AND ALICE N. BESSMAN 418

Evaluation of a Portable Insulin Infusion Pump for Outpatient Management of Brittle Diabetes—ABBAS E. KITABCHI, JOSEPH N. FISHER, GEORGE A. BURGHEN, MARK S. GAYLORD, AND NANCY M. BLANK 421

SPECIAL ARTICLE: PERSPECTIVE

Parental Attitudes Toward Children with a Chronic Medical Disorder: Special Reference to Diabetes Mellitus—HELEN POND 425
PRACTICAL DIABETES

Must Loss of Limb be a Consequence of Diabetes Mellitus? - HEINZ I. LIPPMANN 432

REVIEW

Gastrointestinal Manifestations of Diabetes Mellitus-SHELDON TAUB, ANTHONY MARIANI, AND JAMIE S. BARKIN 437

COMMENTARY

The View from the Other Side-JOAN HOOVER 448

EDITORIALS

Glycosylated Hemoglobins in Diabetes: A Reappraisal—BOAS GONEN AND ARTHUR H. RUBENSTEIN 451 Saving a Foot and Salvaging a Limb—FRED W. WHITEHOUSE 453

LETTER TO THE EDITOR 455

ORGANIZATION SECTION XVIII

NOVEMBER-DECEMBER 1979/VOLUME 2/NUMBER 6

ORIGINAL ARTICLES

Fasting Hyperglycemia and Associated Free Insulin and Cortisol Changes in "Somogyi-Like" Patients—MARIA INES SCHMIDT, ANGELIKI HADJI-GEORGOPOULOS, MARC RENDELL, SIMEON MARGOLIS, DAVID KOWARSKI, AND A. AVINOAM KOWARSKI 457

Ego Development and Self-Esteem in Diabetic Adolescents—STUART T. HAUSER, DANIEL POLLETS, BARBARA L. TURNER, ALAN JACOBSON, SALLY POWERS, AND GIL NOAM 465

Dependency of Muscle Capillary Basement Membrane Thickness on the Duration of Diabetes—ELMAR A. SIESS, HEIKE A. NÄTHKE, THOMAS DEXEL, MANFRED HASLBECK, HELLMUT MEHNERT, AND OTTO H. WIELAND 472

Statistical Analysis of Glucose and Insulin Responses to Intravenous Tolbutamide: Evaluation of Hypoglycemic and Hyperinsulinemic States—TIMOTHY M. BOEHM AND HAROLD E. LEBOVITZ 479

PRACTICAL DIABETES

Occupational Therapy Diabetic Program-MARIA BUDUROWICH AND WILLIAM LOFTON, JR. 491

REVIEW

Complications of Diabetes Mellitus: Relationship to Metabolic Dysfunction—JAY S. SKYLER 499

MINI-REVIEW: RECENT LITERATURE

Diabetes and Related Problems in the Pediatric Literature-ARLAN L. ROSENBLOOM 510

SPECIAL REPORT

Principles of Nutrition and Dietary Recommendations for Individuals with Diabetes Mellitus: 1979—AMERICAN DIABETES ASSOCIATION 520

COMMENTARY

Barriers to Adherence—DOROTHEA F. SIMS 524

EDITORIAL 526

LETTERS TO THE EDITOR 530

REVIEWERS FOR DIABETES CARE 535 .

ORGANIZATION SECTION XXIV

VOLUME CONTENTS XXVI

SUBJECT INDEX XXX

AUTHOR INDEX XXXIV